



## § BRIEF SPECIFICATION §

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FDT Tech Module No: **LOF121X05U-30R**

Description: **12.1" Digital TFT- LCD Module**

SPEC No.: **SAS-1506001**

Version: **0.0**

Issue Date: **June 12, 2015**

※ This specification contains 5 pages including the cover and appendix.



## Features

- Flat Panel Design
- 12.1" (1024x768) Digital TFT LCD
- Aspect Ratio: 4:3
- Input Signal VGA / DVI-D / HDMI 1.3a
- Maximum Support Resolution 1920x1080
- Stereo Audio Amplifier, Output 2W@4Ω Speaker
- Audio Line-In / Ear Phone (Option)
- Touch Screen 5W Resistive
- 5 Key Buttons Controls
- UART / RS232 (Option) Serial Remote Control
- 8 Languages OSD Menu
- Wide Operation Voltage +12V

## Applications

- Industrial
- Medical Environment
- Instrument Display
- Kiosk
- Security
- Signage
- Office Electronics
- Home Application
- Educate Application



## Specifications

LCD	
Panel Size	12.1"
Resolution (Pixels)	1024x768
Color	16.2M
Luminance	360 cd/m <sup>2</sup>
Contrast Ratio	700
View Angle	80 / 80 / 70 / 70
Backlight Life Time (LED)	30K (Min)
Power Requirement	
Power Input (DC Jack 2.1 φ)	+12 V <sub>DC</sub>
Power Consumption@+12V	10.1 Watts (@Without Amplifier)
Touch Screen (RTP)	
Resistive Type	USB Interface
Resistive Type Support OS	Windows / Linux / DOS / Mac / QNX
Controls	
Key	5 Buttons
Serial Remote Control	UART / RS232 (Option)

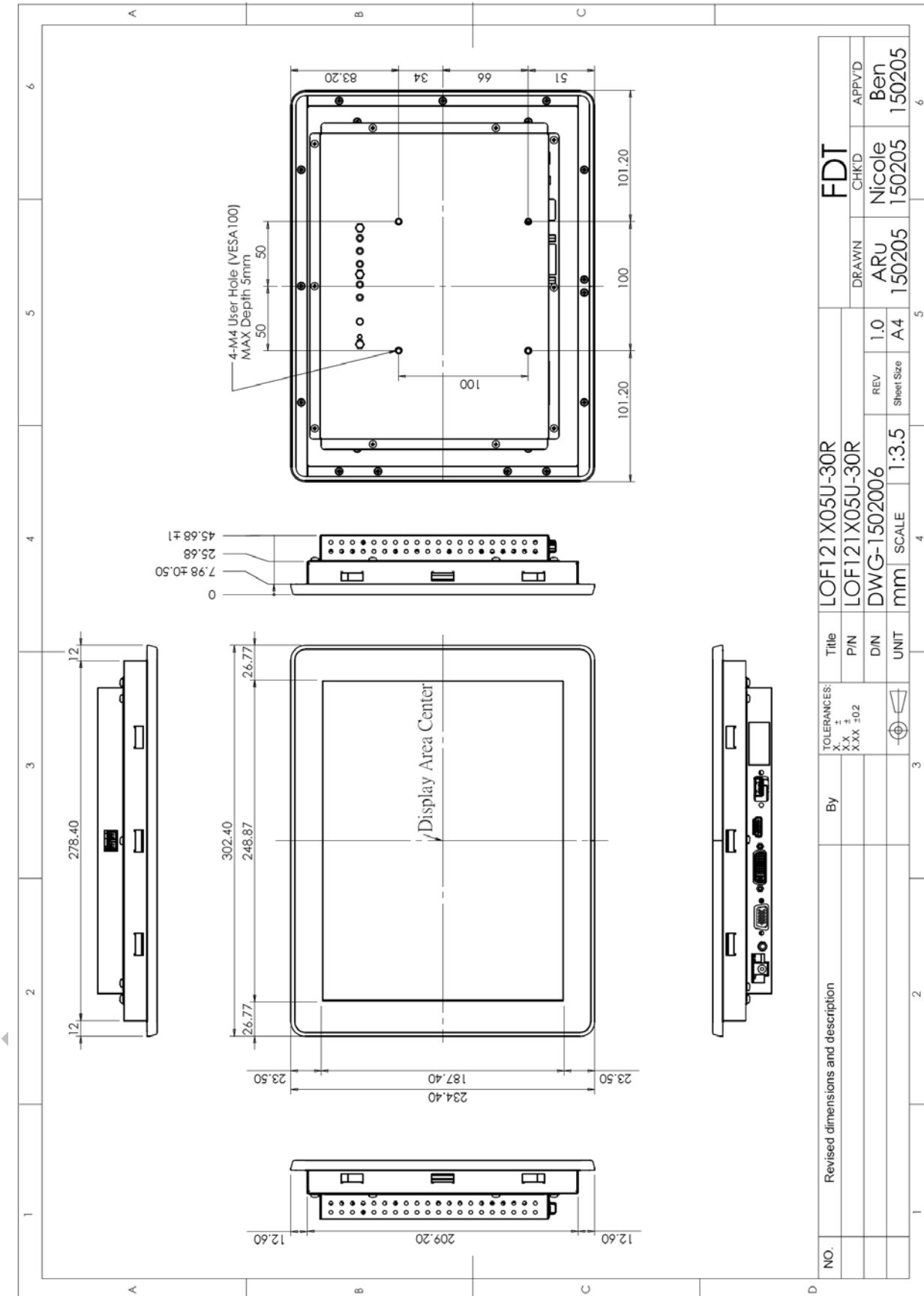
Input Signal	
VGA	D-Sub15
DVI	DVI-D
HDMI	1.3a
Mechanical	
Construction	Aluminum Front Bezel with Completely Covered Membrane and SECC steel chassis
IP Rating	Front Panel IP54 (Option)
Mounting Type	Panel / VESA 100 x 100 Mount
Dimension	302.4 x 234.4 x 45.6
Net Weight	1.93 Kg
Environment	
Operating Temp. 5W RTP	0~+50℃
Storage Temp. 5W RTP	-10~+60℃
Storage Humidity	10 ~ 85%RH @ 40 ℃ (non-condensing)
Audio	
Amplifier	1W@8Ω / 2W@4Ω
Line-In	Stereo Input Phone Jack φ 3.5

## Order Information

Parameter	LOF121X05U-30R
VGA	⊙
DVI	⊙
HDMI	⊙
Touch Panel Type	5W Resistive
Touch Screen Interface	USB
Audio Amplifier	⊙
Audio Line-In	⊙
5 Keys	⊙
UART Remote Control	⊙

Option Function	
Parameter	- Ear Phone - RS232 Remote Control - Accessories

## Dimension



## Accessories (Option)

Before you begin installing the KIT, please make sure that the following materials have been shipped:



A. LASTD12033-FDR



B. LAACD18000-FDR



C. LACABLE068-FDR



D. LACABLE069-FDR



E. LAVGA16000-FDR



F. LAUSB18000-FDR



G. LACABLE070-FDR



H. LAVCD00002-FDR



I. LASPKR0004-FDR



J. LASCW00003-FDR

- A. AC to DC Adapter (L:1500mm,100-240V<sub>AC</sub> 50-60Hz to +12V<sub>DC</sub> @ 3.3A,  $\phi$  2.1)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:2000mm)
- D. DVI Cable (L:1800mm)
- E. VGA Cable (L:1600mm)
- F. USB Cable (L:1800mm)
- G. AUDIO Cable (L:1800mm)
- H. Touch Screen Driver CD Disk / User Manual
- I. Speaker (2.5W @ 4 $\Omega$  L:400mm \*2 Pieces)
- J. Mount Clamp and Screw \*12 Pieces